

# Pancreas 3 phase +Pelvis Siemens Go

<b>Indications</b>	For acute pancreatitis, pancreatic mass, pancreatic mass ordered by GI or other subspecialist					
<b>Diagnostic Task</b>	Detect masses, abscess					
<b>Scan mode</b>	Helical					
<b>Position/Landmark</b>	2cm superior to xiphoid/Inspiration					
<b>Topogram</b>	AP 110kV 15mA					
<b>kVp/Reference mass</b>	130kv 99mas					
<b>Rotation time/pitch</b>	0.8/0.8					
<b>Detector Configuration</b>	32x0.7					
<b>Table Speed/Increment</b>	17.92					
<b>Dose reduction</b>	CareDose 4D					
<b>Allowed CTDI ranges*</b>	7mGy-50mGy					
<b>XR29 Dose Notification value</b>	50mGy					
<b>Helical Set #1 non con</b>		body	thickness			recon
	recon	part	spacing	kernel	window	destination
	1	abd	2mmx 2mm	Br40	abdomen	pacs
<b>Helical Set #2 40 sec delay</b>		body	thickness			recon
	recon	part	spacing	kernel	window	destination
	1	abd	2mmx 2mm	Br40	abdomen	pacs
	2	Cor	2mmx2mm	Br40	abdomen	pacs
	3	sag	2mmx2mm	Br40	abdomen	pacs
<b>Helical Set #3 70 sec delay</b>		body	thickness			recon
	recon	part	spacing	kernel	window	destination
	1	abd/pelvis	2mmx 2mm	Br40	abdomen	pacs
	2	Cor a/p	2mmx2mm	Br40	abdomen	pacs
	3	sag a/p	2mmx2mm	Br40	abdomen	pacs
<b>Scan start all sets</b>	1cm superior to diaphragm					
<b>end location</b>	NC-40sec iliac crest// 70sec through lesser trochanters					
<b>IV contrast volume/rate</b>	75ml < 200lbs, 100ml 200-250lbs, 125ml>250lbs isovue 370 4cc/sec					
<b>Scan delay</b>	Performed as directed by a supervising radiologist					
	non con/40sec-arterial/ 70sec-venous					
	WITH WATER PREP AND IV CONTRAST					
	Approximate Values for CTDIvol					
	Patient size	weight(kg)	weight(lbs)	CTDIvol(mGy)		
	SMALL	50-70	110-155	10-17		
	AVERAGE	70-90	155-200	15-25		
	LARGE	90-120	200-265	22-35		
<b>NOTE*</b>	*The AAPM recommended NEMA XR29 Dose Notification Value for an adult torso is 50mGy. Dose Notification levels less than the AAPM recommended can be set. The maximum CTDI vol should match the dose notification value. Exams with CTDI vol values less than the minimum allowed range should not be performed unless approved by a radiologist.					

